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Hurry et al.(10) **Pub. No.: US 2020/0151682 A1**(43) **Pub. Date: May 14, 2020**(54) **DIGITAL FIAT CURRENCY**(52) **U.S. Cl.**(71) Applicant: **Visa International Service Association**, San Francisco, CA (US)CPC **G06Q 20/0655** (2013.01); **G06Q 20/3829** (2013.01); **H04L 2209/56** (2013.01); **H04L 2209/38** (2013.01); **H04L 9/0637** (2013.01)(72) Inventors: **Simon J. Hurry**, Foster City, CA (US);
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Techniques are disclosed which include receiving, by a central entity computer, a request for digital currency. The request includes a serial number and a denomination of a physical currency. The central entity computer generates the digital currency for the denomination and linked to the serial number. The generating includes recording the digital currency on a blockchain. The central entity computer transmits a notification of the generation of the digital currency. The central entity computer causes removal of the physical currency from circulation in a fiat currency system.

